

AFRICA ON THE MOVE – EXHIBITION

AFRICAN FORUM ON SCIENCE, TECHNOLOGY AND INNOVATION FOR YOUTH EMPLOYMENT, HUMAN CAPITAL DEVELOPMENT AND INCLUSIVE GROWTH

INTERCONTINENTAL HOTEL, NAIROBI, APRIL 1-3, 2012

BOOTH NO.	INSTITUTION	SECTOR	NAME OF INNOVATION (S)
1.	Capefield Ltd	ICT/social	<ul style="list-style-type: none"> • Olalash: Mobile Application (It is a location aware distress alerting mobile application) • County Score card: A mobile and desktop web application that presents data in both a meaningful and portable way
2.	Centurion Systems	Industry	<ul style="list-style-type: none"> • Scada Kit-Water Systems: Technology used to manage water supply systems • PLC Traffic Control: This is a device to ensure traffic is controlled most efficiently
3.	Ecopost Ltd	Environment	<ul style="list-style-type: none"> • Eco-friendly plastic lumber: A viable alternative to timber made from recycled waste plastic
4.	Egerton University	Agriculture/ Health	<ul style="list-style-type: none"> • High yielding legume crop variety for enhancing food and nutrition • High yield and drought tolerant chickpea variety • New high yielding bean varieties

			<ul style="list-style-type: none"> • Carplarvex: This is a natural mosquito larvicide for malaria control and is of botanical origin.
5.	Intelfusion Technologies Ltd	Industry	<ul style="list-style-type: none"> • Voice Ball: This is an innovative technology that allows one to stay in touch and interact with customers, distributors, retailers, agents, and even employees.
6.	Jomo Kenyatta University of Agriculture and Technology	Agriculture/ Industry	<ul style="list-style-type: none"> • System of Rice Intensification (SRI)*: A method of growing rice using less water, was introduced in Kenya at the Mwea Irrigation Scheme in 2009. • Bont tick trap: A device which traps ticks and hence assist in tick control. • Eco-bricks: The improvement and use of developed local sustainable eco-materials in the construction.
7.	Kenya Agricultural Research Institute	Agriculture/Health	<ul style="list-style-type: none"> • Exhibition on Thermo stable 1-2 Newcastle Disease Vaccine • Exhibition on use of Mango Solar Drier technology in enhancing income of small Scale Farmers • Post harvest handling and value addition of African Leafy Vegetables to provide food and income
8.	Kenya Industrial Research and Development Institute	Industry	<ul style="list-style-type: none"> • Arc Welding Machine: Awemak-160 is a single phase light duty Arc welding machine which is suited for welding rod size 12(Ø2.5mm). • Gasifier Stove For Utilization of Agricultural Residuals: The Gastov 212 is a top lit up draft gasifiers

			stove using natural draft.
9.	Kenya Medical Research Institute Production Dept.	Industry/Health	<ul style="list-style-type: none"> • Diagnostic Kits*: KEMRI-HEPCELL and KEMTAG. (These are kits for diagnosis of Hepatitis B and an Enzyme for polymerase chain reaction)
10.	Kenya Technical Teachers College	Technical Institutions	<ul style="list-style-type: none"> • Hydraulic Ram Pump: This is a simple hydram designed and fabricated using GI water pipe fittings. As a hydraulic ram pump, it is an “energy saver”.
11.	Kenyatta University	Agriculture/ Social Sector	<ul style="list-style-type: none"> • Pectin Production: Pectin is an organic compound found in peels of citrus fruits & fruit pulp after juice extraction. • Paintings: The paintings are 3-dimensions in nature giving the artworks a real-life touch.
12.	Kisumu Polytechnic	Technical Institutions	<ul style="list-style-type: none"> • Bicycle water Pump: This pump is designed to use pedal operated prime mover which is environmentally friendly and at the same time cheap and accessible to the peasant farmer.
13.	Konza Technopolis	ICT	<ul style="list-style-type: none"> • Konza Technopolis: A business Technopolis on Science, Technology and Innovation.
14.	Kupata Technologies Ltd	ICT /security	<ul style="list-style-type: none"> • The 3G Mobile Remote camera*: detects the presence of an intruder in one's house or property then sends live video to home owner through a 3G enabled mobile phone.
15.	M-Shamba	ICT /agriculture	<ul style="list-style-type: none"> • mobile application whose objective is to provide agricultural information to farmers
16.	Machakos	Technical Institutions	<ul style="list-style-type: none"> • Multipurpose Seed Based Absorber* : This innovation

	Technical Training Institute		<p>is based on the unique behavior of the seeds of a local weed which take up to 20 times their weight of water in 30 minutes and become sticky.</p> <ul style="list-style-type: none"> • Multigrade Sand Sieving Machine (MSSM): The innovation proposes sustainable and harvesting where farmers use the new MSSM to grade and package river sand at the source.
17.	Maseno University	Agriculture	<ul style="list-style-type: none"> • Maize Hybrid Varieties which are high yielding, resistant to drought and striga weed
18.	Mbetsa Technologies Ltd	ICT /security	<ul style="list-style-type: none"> • Car tracking and security system*:Using a mobile phone this tracking system tracks and delivers the actual geographical location, speed and travel direction of vehicle
19.	Ministry of Youth Affairs and Sports/ Youth Enterprise Development Fund	Youth/Agriculture	<ul style="list-style-type: none"> • Youth Enterprise Development Fund: The Fund is one of the flagship projects of the social pillar of Vision 2030 which funds youth projects. • Greenhouse farmer's kit for Youth Polytechnics: This is a concept of a holistic approach to Agriculture.
20.	MobiPay	ICT	<ul style="list-style-type: none"> • MobiPay: Offers payment and transaction processing solutions to financial institutions, retailers, service providers.
21.	Moi University	Industry	<ul style="list-style-type: none"> • Tamideye ® for textile industry*: The product of <i>Tagetes minuta</i> inflorescences, dried to 6% moisture content and ground is used to dye fabrics.

22.	Safaricom	mHealth mLearning	<ul style="list-style-type: none"> • Daktari1525 is a tele-triage service which gives the customer access to speak with a medical doctor about their health by simply dialing 1525 from their Safaricom line. • Safaricom Blackboard: Safaricom's eLearning solution that utilizes M-PESA as its payment platform, allowing learning institutions to extend their reach to the very remote locations
23.	Smart Charger Ltd	ICT Applications	<ul style="list-style-type: none"> • Bicycle Mobile Phone Charger*: This is an alternative and cheaper phone charging device.
24.	SmoothTel	Industry	<ul style="list-style-type: none"> • N-Computing: Share one PC with multiple users, simultaneously!
25.	Tracom Services Ltd	ICT/banking	<ul style="list-style-type: none"> • Alternative Banking channels: It is a payment solution which deals with disruptive payments.
26.	University of Nairobi	ICT/e-government	<ul style="list-style-type: none"> • Fabfi: This is a low cost solution for wifi Internet. The project is based around off the shelves wireless routers and reflectors made out of plywood and chicken mesh • Pima Sema- Electronic Citizen Survey for Government of Kenya: The device is a digital questionnaire containing questions to measure the level of customer satisfaction at particular service center.

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